

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A ~~The method comprising laminating a shaped article with a radiation-curable laminated sheet or film, wherein said of using a radiation-curable laminated sheet or film comprising comprises~~ at least one substrate layer and a top layer for lamination of shaped articles, and wherein the top layer consists of radiation-curable material which comprises a binder having a glass transition temperature below 50°C 20°C and a content of ethylenically unsaturated groups of more than 2 mol/kg of binder.

Claim 2 (Currently Amended): The method of ~~using a radiation-curable laminated sheet or film~~ according to claim 1, wherein the top layer ~~being~~ is transparent.

Claim 3 (Currently Amended): The method of ~~using a radiation-curable laminated sheet or film~~ according to claim 1, wherein the binder ~~comprising~~ comprises at least one urethane (meth)acrylate which comprises at least one cycloaliphatic isocyanate as a component.

Claim 4 (Currently Amended): The method of ~~using~~ according to claim 1, wherein the binder ~~comprising~~ comprises at least one urethane (meth)acrylate which comprises isophorone diisocyanate or hexamethylene diisocyanate as a component.

Claim 5 (Currently Amended): The method of ~~using a radiation-curable laminated sheet or film~~ according to claim 1, wherein a color-imparting intermediate layer also ~~being~~ is present between the substrate layer and the top layer.

Claim 6 (Currently Amended): The method of ~~using a radiation-curable laminated sheet or film~~ according to ~~claim 1~~ claim 5, wherein a layer of polymethyl methacrylates, polybutyl methacrylates, polyethylene terephthalates, polybutylene terephthalates, polyvinylidene fluorides, polyvinyl chlorides, polyesters, polyolefins, acrylonitrile-ethylene-propylene-diene-styrene copolymers (A EPDM), polyetherimides, polyetherketones, polyphenylene sulfides, polyphenyl ethers or mixtures thereof ~~also being~~ are present between the color-imparting intermediate layer and the top layer.

Claim 7 (Currently Amended): The method of ~~using a radiation-curable laminated sheet or film~~ according to claim 6, wherein the radiation-curable material ~~comprising~~ comprises polymers having ethylenically unsaturated groups and having a molar mass of more than 2000 g/mol, and optionally if appropriate as a mixture with ethylenically unsaturated, low molecular weight compounds differing therefrom and having a molar mass of less than 2000 g/mol and/or mixtures of saturated, thermoplastic polymers with ethylenically unsaturated compounds.

Claim 8 (Currently Amended): The method of ~~using a radiation-curable laminated sheet or film~~ according to claim 1, wherein the at least one substrate layer ~~being~~ is a layer of thermoplastic polymers selected from the group consisting of comprising polymethyl methacrylates, polybutyl methacrylates, polyurethanes, polyethylene terephthalates, polybutylene terephthalates, polyvinylidene fluorides, polyvinyl chlorides, polyesters, polyolefins, polyamides, polycarbonates, acrylonitrile-butadiene-styrene polymers (ABS), acrylate-styrene-acrylonitrile copolymers (ASA), acrylonitrile-ethylene-propylene-diene-styrene copolymers (A-EPDM), polyetherimides, polyetherketones, polyphenylene sulfides, polyphenylene ethers ~~or~~ and mixtures thereof.

Claim 9 (Currently Amended): The method of ~~using~~ according to claim 1, wherein the radiation-curable material comprises not more than 10% by weight of compounds which have only one curable group.

Claim 10 (Withdrawn): A process for the production of laminated shaped articles, in particular automotive parts, wherein the radiation-curable laminated sheet or film according to claim 1 is adhesively bonded to the shaped articles, and the top layer is then cured by radiation.

Claim 11 (Previously Presented): A process for the production of laminated shaped articles comprising plastic, wherein the radiation-curable laminated sheet or film according to claim 1 is thermoformed in a thermoforming mold and the back of the substrate layer is sprayed with the plastics material, the radiation curing of the top layer being effected after the thermoforming process or after the spraying of the back.

Claim 12 (Withdrawn): A laminated shaped article obtainable by a process according to claim 11.

Claim 13 (Withdrawn): A radiation-curable laminated sheet or film comprising at least one substrate layer and a top layer consisting of radiation-curable material which comprises a binder having a glass transition temperature below 50°C and a content of ethylenically unsaturated groups of more than 2 mol/kg of binder, wherein a color-imparting intermediate layer is also present between the substrate layer and the top layer.

Claim 14 (Withdrawn): The radiation-curable laminated sheet or film according to claim 13, a layer of polymethyl methacrylates, polybutyl methacrylates, polyethylene terephthalates, polybutylene terephthalates, polyvinylidene fluorides, polyvinyl chlorides, polyesters, polyolefins, acrylonitrile-ethylene-propylene-diene-styrene copolymers (A-EPDM), polyetherimides, polyetherketones, polyphenylene sulfides, polyphenylene ethers or mixtures thereof also being present between the color-imparting intermediate layer and the top layer.

Claim 15 (Withdrawn): The radiation-curable laminated sheet or film according to either of claim 13, the radiation-curable material comprising polymers having ethylenically unsaturated groups and a molar mass of more than 2000 g/mol, if appropriate as a mixture with ethylenically unsaturated, low molecular weight compounds differing therefrom and having a molar mass of less than 2000 g/mol and/or mixtures of saturated, thermoplastic polymers with ethylenically unsaturated compounds.

Claim 16 (Withdrawn): The radiation-curable laminated sheet or film according to claim 13, wherein the radiation-curable material comprises not more than 10% by weight of compounds which have only one curable group.

Claim 17 (Withdrawn): The radiation-curable laminated sheet or film according to claim 13, the binder comprising at least one urethane (meth)acrylate which comprises at least one cycloaliphatic isocyanate as a component.

Application No. 10/588,715
Reply to Office Action of April 5, 2010

Claim 18 (Withdrawn): The radiation-curable laminated sheet or film according to claim 13, the binder comprising at least one urethane (meth)acrylate which comprises isophorone diisocyanate or hexamethylene diisocyanate as a component.